

**SYSTEM AND METHOD OF ACTIVE LATENCY DETECTION FOR  
NETWORK APPLICATIONS****ABSTRACT**

A system and method of active latency detection for network applications that allows network latency to be calculated from a single host system. Periodic requests are generated from the host system and directed to a remote system in a way that requires minimal processing by the remote system. Latencies are calculated from the timing information associated with the periodic requests and can be combined with timing information associated with application packets to generate a latency trace for one or more network applications.